

Title (en)
Dishwasher with sprayer

Title (de)
Geschirrspüler mit Sprühvorrichtung

Title (fr)
Lave-vaisselle avec pulvérisateur

Publication
EP 2572623 A1 20130327 (EN)

Application
EP 12185512 A 20120921

Priority
• US 201161537595 P 20110922
• US 201213570577 A 20120809

Abstract (en)
A dishwasher (10) includes a tub (18) at least partially defining a treating chamber (20) and a sprayer (34, 134, 234, 334, 434) for spraying liquid to the treating chamber (20). The sprayer (34, 134, 234, 334, 434) may include a liquid passage and at least one outlet (74, 174, 274, 374, 474) extending from an interior to an exterior of the sprayer (34, 134, 234, 334, 434) and in fluid communication with the liquid passage. A membrane (373, 473) may have at least one opening and may be in fluid communication with the liquid passage to control the flow of liquid through the at least one outlet (74, 174, 274, 374, 474).

IPC 8 full level
A47L 15/42 (2006.01)

CPC (source: EP US)
A47L 15/23 (2013.01 - EP US); **A47L 15/4282** (2013.01 - EP US)

Citation (applicant)
• US 7445013 B2 20081104 - VANDERROEST CHAD T [US], et al
• US 7523758 B2 20090428 - VANDERROEST CHAD T [US], et al
• US 8113222 B2 20120214 - BERTSCH ROGER JAMES [US], et al
• US 7980260 B2 20110719 - BERTSCH ROGER JAMES [US], et al

Citation (search report)
• [XAI] US 5655556 A 19970812 - GUERRERA CARLO [IT], et al
• [XA] US 4509687 A 19850409 - CUSHING DONALD S [US]

Cited by
CN105363720A; GB2504800A; GB2504800B; US10213085B2; US10092160B2; US10052010B2; US10398283B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2572623 A1 20130327; **EP 2572623 B1 20150520**; US 10058229 B2 20180828; US 10602907 B2 20200331; US 2013074887 A1 20130328; US 2017280965 A1 20171005; US 2018325352 A1 20181115; US 9693672 B2 20170704

DOCDB simple family (application)
EP 12185512 A 20120921; US 201213570577 A 20120809; US 201715621580 A 20170613; US 201816043638 A 20180724